

ABSTRACT OF THE DISCLOSURE

A brake gain based torque controller utilizes commanded torque, measured torque and measured pressure in order to provide brake control for a vehicle, such as an aircraft. According to one particular aspect of the invention, the brake gain-based torque controller is provided for controlling a braking operation of a wheel of a vehicle based on a computed brake gain calculated in real-time. Under normal breaking conditions, command torque is multiplied by the calculated computed brake gain to produce a pressure signal to control the pressure to be applied to the brake.

R:\ARomero\Cases\Bfg\P0304US\BFGRP0304US.PCT.Final Version.doc